Application No. 10/734,428

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## AMENDMENT TO THE CLAIMS

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Please replace the pending claims with the following amended claims:

1-13 (cancelled)

- 14. (Previously presented) A navigation system comprising:
  - a receiver to receive updated route speed information;
  - an input device to receive a destination point from a driver;
  - a GPS locator to identify the position of the receiver;
- a computational system to select a fastest route from the position of the receiver to the destination point using the updated route speed information; and,
- an output device to communicate the fastest route to the driver wherein the route speed at a point is computed based on the fastest moving vehicle near the point.
- 15. (Previously presented) The navigation system of claim 14 wherein the location of a vehicle is used to determine whether a fastest moving vehicle that is in a carpool lane thereby enabling a driver to select routes based on carpool lane speeds.
  - 16. (Previously presented) A system in a vehicle, the system comprising:
- a receiving unit in the vehicle, the receiving unit for receiving transmission signals from a plurality of other vehicles, each other vehicle transmitting a location and a speed;
- a processing unit in the vehicle, the processing unit that processes the location and speed of each of the other vehicles to determine a route speeds at various points on streets in a region; and,
- a transmitting unit in the vehicle, the transmitting unit to transmit route and speed information of the vehicle to the other vehicles.
  - 17. (Original) The system of claim 16 further comprising:

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a navigation unit to receive the route speed information and to combine the route speed information with a current position received from a GPS signal to plot a fastest route to a destination from the current position received from the GPS signal.

- 18. (Previously presented) The navigation system of claim 17 wherein the speed data is received from a speed sensing sensor.
- 19. (Previously presented) The system of claim 16 wherein the transmitting unit receives signals from a navigation unit and only transmits route speeds at points requested by a navigation unit in one of the other vehicles.

## 20-22. (Cancelled)

23. (Previously presented A method of computing a fastest route in a vehicle from a current location of the receiving vehicle to a destination comprising:

determining a current location using a GPS system;

receiving information on a destination point;

receiving updated route speed information from other vehicles and determining a fastest route based on a speed of the fastest moving vehicle near each point; and,

computing a fastest route from the current location to the destination point taking into account the updated route speed information.

- 24. (Original) The method of claim 23 wherein the receiving of updated route speed information is received from a central processing point.
- 25. (Original) The method of claim 23 wherein the receiving of updated route speed information is received from a informing vehicle.

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- 26. (Original) The method of claim 23 wherein the updated route speed information is generated by monitoring the speed of informer vehicles along the fastest route.
- 27. (Original) The method of claim 23 wherein the receiving vehicle also serves as an informing vehicle, the method further comprising:
- generating updated route speed information by monitoring the speed of the receiving vehicle; and,

transmitting the position and speed of the receiving vehicle.

28. (Original) The method of claim 23 further comprising determining if the fastest moving vehicle is in a carpool lane thereby enabling a driver to select routes based on carpool lane speeds.